

Get the Royal Edge Advantage with RPI



## Royal Edge Seam Tape

### ROYAL EDGE EPDM MEMBRANE

#### DESCRIPTION

RPI Royal Edge Seam Tape is a black pressure sensitive 30 mil tape designed to create high performance field seams when using Royal Edge EPDM membranes. The clear polyfilm release membrane will not tear or wrinkle like other tapes with paper release membranes.

RPI Royal Edge Seam Tape offers greater peel and shear strength than other manufacturers and when installed with RPI Seam Tape Primer creates a durable, high performance field seam. Refer to the RPI Specification Manual and Application Handbook for more detailed applications.

#### THE RPI ROYAL EDGE ADVANTAGE

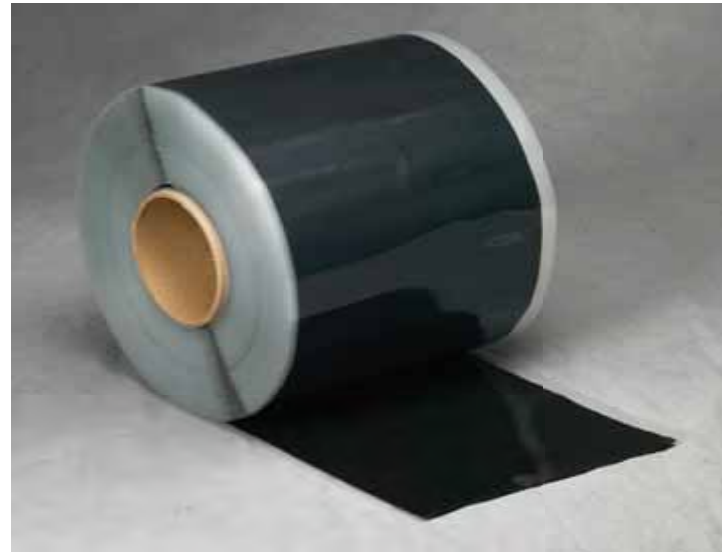
- Available in widths of 3 inches and 6 inches on 100 ft. rolls.
- May be warmed for easier application during cold weather applications.
- Clear poly release liner won't tear or wrinkle like brown paper liner.
- Excellent long term performance

#### APPLICATION INSTRUCTIONS

1. All membranes and substrates must be clean, dry, and free of dirt, dust, and oils. Before applying Seam Tape Primer, clean all metal flashings with Membrane cleaner to remove any residual manufacturing oils or other contaminants.
2. Mark the bottom membrane approx. 1/4" to 3/8" past the seam edge as a guide for the Seam Tape.
3. Apply RPI Royal Edge Seam Tape Primer. On Royal Edge Clean Sheets, the Seam Tape Primer can be applied using a 3/8" nap roller. On any aged or talc sheet membranes, Seam Tape Primer must be applied using RPI Scrub Pads after the membrane has been thoroughly cleaned with Membrane Cleaner.

IMPORTANT: Do not over apply the Seam Tape Primer. The finished primed surface should have a smooth flat sheen. Excessive primer will not enhance the adhesion of the tape.

4. Allow the primed area to "flash-off". Check the primer using the finger-push method. Do not attempt to apply any seam tape to areas that have not been properly primed or primed areas that have not sufficiently flashed-off.
5. Align the Seam Tape release membrane with the marks and mate the tape surface to the primed area of the bottom sheet. Starting in the middle of the tape, mate the membrane to the primer using an even, firm, hand pressure.
6. Fold the primed top membrane onto the Seam Tape and, starting from the back of the seam, remove the Seam Tape liner at a 45 degree angle while mating the top membrane to the Seam Tape; applying firm pressure from the back of the seam to the front edge.
7. Using a 2" steel or hypalon hand roller, roll the entire seam, first rolling across the seam and then the length of the seam. Roll the exposed tape edges.



8. Apply Lap Sealant to all required flashing edges and intersections.
9. To ensure complete and proper adhesion in cold weather applications (temperatures of 50° F or lower), keep the flashings stored in a room temperature until installation. The primed area and flashing membrane may be warmed with a hot-air gun while installing the flashings.

Refer to the RPI Specification Manual or Application Handbook for specific detail information.

#### Typical Properties and Characteristics

Product	3" Seam Tape (75mm)	6" Seam Tape (150mm)
Color	Black	Black
Base	Synthetic Rubber	Synthetic Rubber
Thickness	.030" (75mm)	.030 (75mm)
Roll Length	100' (30m)	100' (30m)
Packaging	4 rolls per carton	2 rolls per carton
Net Wt. Per Carton	26 lbs (12Kg)	26 lbs. (12Kg)
Shelf Life	1 year	1 year
Net Wt. Per Roll	6.5 lbs.	13 lbs.

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.

**Get the Royal Edge Advantage with RPI**



## Royal Edge Seam Tape

**ROYAL EDGE EPDM MEMBRANE**

### COLD WEATHER APPLICATIONS

Cold weather installation requirements when temperatures fall below 40°F (5°C):

1. Using a hot air gun, heat the primed area of the bottom membrane as the Royal Edge Seam Tape is applied and pressed into place.
2. The Seam Tape must be rolled with a 2"-wide hand roller prior to removal of the release liner when temperatures fall below 20°F (-7°C).
3. Prior to rolling the splice area with a 2"-wide hand roller, apply heat to the topside of the membrane with a hot-air gun. The heated surface should be hot to the touch.

Due to solvent flash-off, condensation may form on freshly applied primer when the ambient temperature is near the dew point. If condensation develops, the application of primer and Royal Edge Seam Tape must be discontinued, as proper adhesion will not be achieved. When weather conditions permit, allow the surface to dry and apply a thin freshener coat of primer to the previously coated surface and apply the Seam Tape.

Techniques when using large sheets with factory seam step-offs.

1. Remove any excess mica dust from the area and clean the membrane with Membrane Cleaner.
2. Apply Seam Tape Primer with a scrub pad taking extra care to scrub the Primer into the step-off area.
3. Roll the Seam Tape into the factory seam step-off with the edge of the hand roller and then roll the top membrane into the step-off after setting the top membrane.

### PRECAUTIONS

Avoid prolonged contact with skin. In case of contact with skin, thoroughly wash affected area with soap and water.

**KEEP OUT OF REACH OF CHILDREN.**

Prolonged job-site storage temperatures in excess of 90°F (32°C) will diminish the product's shelf life.

In hot, sunny weather, store rolls on-site in original boxes, in a shaded area, until ready to use.

Storage and use of Royal Edge Seam Tape at temperatures below 40°F (4°C) will result in a loss of tape tack and, in extreme cases, will result in no bond to the substrate. Overnight storage must be available to keep the temperature of the Royal Edge Seam Tape at a minimum of 60°F (15°C). Hot boxes for job-site storage must be provided to maintain a minimum tape temperature of 40°F (4°C).

### STORAGE

Prolonged jobsite storage temperatures in excess of 90°F (32°C) will diminish the product's shelf life.

In hot, sunny weather, store rolls onsite in original boxes, in a shaded area, until ready to use.

Storage and use of Royal Edge Seam Tape at temperatures below 40°F (4°C) will result in a loss of tape tack and, in extreme cases, will result in no bond to the substrate. Overnight storage must be available to keep the temperature of the Royal Edge Seam Tape at a minimum of 60°F (15°C). Hot boxes for job-site storage must be provided to maintain a minimum tape temperature of 40°F (4°C).

Royal Edge Seam Tape must be stored in a dry area.

Keep away from open sources of flame or ignition.

Refer to the RPI Specification Manual or Application Handbook for the specific application detail.



See UL Roofing Materials and Systems Directory R10073

### LEED® Information

Pre-consumer Recycled Content	4%
Post-consumer Recycled Content	0%
Manufacturing Location	Greenville, IL
Solar Reflectance Index	N/A